

Hatrockhound Gazette 2023

PO Box 1122, Hermiston, Oregon 97838



Meetings at 6:30 on the 2nd
Tuesday of each month
First Christian Church of
Hermiston:
775 West Highland
(go to back of church)

Officers:
President – Doug Gill
V. Pres. – Mike Filarski
Secretary – Trista Meek
Treasurer – Mel Lambert
Members at Large – Louise
Lambert, Laura Tiffany

Newsletter/Website – Judi Allison, 1701 NW 11th St, Hermiston, OR 97838 541-720-4950



Hatrockhounds Gem and Mineral Society is Affiliated with:

The Northwest Federation of Mineralogical Societies
And The American Federation of Mineralogical Societies



AFMS Rockhounds “Code of Ethics”

I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.

I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.

I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.

I will use no firearms or blasting material in collecting areas.

I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.

I will leave all gates as found.

I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.

I will discard no burning material - matches, cigarettes, etc.

I will fill all excavation holes which may be dangerous to livestock.

I will not contaminate wells, creeks, or other water supplies.

I will cause no willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field-trip leaders and those in designated authority in all collecting areas.

I will report to my club or federation officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials

on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golden Rule", will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

Hatrockhound Gazette April 2023 Issue

April Meeting: Tuesday, April 11, 2023, 6:30 pm

Crystal Systems

What do you know and what can you learn?

See if you can match the actual specimens to their systems

Treats by Trista and Warren Meek

Hatrockhounds Minutes

Meeting March 14, 2023

Fifteen members and our guest speaker, Bill Hamel, attended the meeting tonight.

President, Doug, called the meeting to order and asked for a treasurer's report.

Treasurer's report: Mel reported the payment has been made to EOTEC. There will still be the cost of insurance and advertising. Our treasury is still healthy enough to carry us through.

Judi showed the membership a plaque that Vicky Horneck found at their house. It was from the AFMS for outstanding contributions for the 1997 AFMS Scholarship fund.

Old Business: Judi showed what she had put together for individual favors for the NFMS banquet in 2024. Mike said the show advertising poster was at the printers for markup. He will approve it and have copies made for our next meeting. Since we had no further business, we moved on to show and tell.

Show and Tell/Program:

Judi brought a crystal cluster in hopes of having Bill identify it. The majority is quartz with some black tourmaline and a nice piece of aquamarine.

Mike brought a collection of obsidian. He told of an MSN news article on Canadian Geography. A university in California had done research on Lake Huron. They found a natural land bridge spanning the lake. They also discovered bones from what was determined to be herd animals, rocks built as stone corrals and hunting items. They surmised that the ancients, perhaps herded the animals into the corrals to kill them. Many of the tools were made from obsidian, which was determined to have originated in Oregon. Mike speculated on how that obsidian might have gotten to Lake Huron in those ancient times. How long did it take? Some interesting questions to consider.

Door Prizes: Timber, Mel and Tarah gained this month

Program: Guest speaker, Bill, gave a comprehensive presentation on "Collecting Rocks and Minerals, Tricks and Tips" The one thing he stressed above all else was keeping the information on your collection pieces. He said that labels are important; and some are even collectable. If you are buying a quality piece it is essential that it has a label, or that the dealer can at least tell you exactly where it came from and what it is. He also spoke about types of collections, cataloging, storage and display.

Acting Secretary Judi Allison

Executive meeting: Wednesday, March 29th, 7:00 at Judi's Everyone welcome.

Website: jall23.wix.com/hatrockhounds

One of our dealers, Jim Witt, is having an online auction through Corbettauctions.com. When you go to the site find the sale with all the rocks. It will say 11262 Chapin, Boise.

HATROCKHOUNDS Gem & Mineral Society

Executive Meeting –March 29, 2023

Present: Doug Gill, Mike Filarski, Mel Lambert, Louise Lambert, Judi Allison

Show: Mike says everything is basically in place. He rewrote the contract to have the fee read differently (simplified) although the amount wasn't different. He said some misunderstood and paid the wrong amount, so he has to contact them. He will pick up the advertising flyers the end of the week. He had 200 8-1/2x11 and 200 small sheets printed.

Although she made some gem trees for the Mother's Day door prizes, Karli let Mike know she won't be available for the show this year. She has to help set up their wagon train.

We need people to fill some display cases. Judi will check at the meeting. Karli is hoping some Juniors will put in cases and wants to have viewers vote on their favorite case.

Judi will check to see who she can round up to do some demonstrating. At the moment we will probably only have Mike with the faceting and Kerry with the sphere machine, if they can both make it.

We are putting a display in the Hermiston Library during the month of April to help advertise the show.

Try to stop by and take a look. Judi is also doing a program for the library on Wednesday, April 19 at 6:00pm. Mike is going to try to also be there to help. Come on by and help us out if you have a chance.

Judi said that the April program will be on the crystal systems. She will have some models and actual specimens to see if folks can identify what system they belong to. In May we will do something with maps and the September program is gold. Judi asked about the possibility of paying someone from Yakima Prospectors to come speak. Mike remembered that his neighbor is a prospector. He is going to check with him.



(Since our program will be dealing with Crystals on a basic level, I thought I would add a bit of information about them. If one delves deeply into the subject, it can become quite extensive and, frankly, a bit complicated. I just want to give you an overview and hopefully, have some fun while doing so. JA)

What is Crystal Structure?

A crystal structure is made of atoms. A crystal lattice is made of points. A crystal system is a set of axes. In other words, the structure is an *ordered array of atoms, ions or molecules*.

Crystal Structure is obtained by attaching atoms, groups of atoms or molecules. This structure occurs from the intrinsic nature of the constituent particles to produce symmetric patterns. A small group of a repeating pattern of the atomic structure is known as the unit cell of the structure. A unit cell is the building block of the crystal structure and it also explains in detail the entire crystal structure and symmetry with the atom positions along with its principal axes. The length, edges of principal axes and the angle between the unit cells are called lattice constants or lattice parameters.

Crystal Systems

A Crystal System refers to one of the many classes of crystals, space groups, and lattices. In crystallography terms, lattice system and crystal, the system are associated with each other with a slight difference. Based on their point groups crystals and space groups are divided into seven crystal systems. The Seven Crystal Systems is an approach for classification depending upon their lattice and atomic structure. The atomic lattice is a series of atoms that are organized in a symmetrical pattern. With the help of the lattice, it is possible to determine the appearance and physical properties of the stone. It is possible to identify which crystal system they belong to. <https://byjus.com/chemistry/crystal-structure/>

Since the Show is coming up soon-just some reminders.

ADMISSIONS

Volunteer Guidelines

- Greet and welcome public as they enter the show.
- Collect admission fees. \$3.00 per person, unless they have a dollar off coupon or are 12 and under.
- Hand out door prize tickets. (Only paying attendees receive tickets – Children 12 and under are free, so they don't receive a ticket.)
- Give the attendee one side of the ticket, place the other side in the container.
- Choose an item to be offered as the hourly door prize. (In order not to interfere with the Silent Auction's time frame, prizes will be offered on the three-quarter hour. The first prize drawing will be at 10:45.) Prizes must be chosen prior to the drawing-recipients are not allowed to choose their own prize.
- Draw a number from the prize canister and give it to the silent auction announcer to call out the number to the public.
- Coordinate so that the booth is always manned.

KIDS CORNER

Volunteer Guidelines

- At least one adult must be present at all times.
- Kids are encouraged to volunteer at the kids' corner.
- Kids may take money and make change UNDER THE GUIDANCE OF AN ADULT.
- Follow the guidelines for each activity.
- Assist the attendees with each game or activity.
- Give out prizes as marked for each activity or game.
- (In the event, supplies have run low, check with the Coordinator for a possible solution.)

SILENT AUCTION

Volunteer Guidelines

- The adults' first silent auction shall start and stop at the top or bottom of the hour and continue every half hour throughout the day. The last auction ends 30 minutes before the show closes.
- Don't rush the auctions, use the 30 minutes. We don't have to sell all the material.
- Be prepared for the next auction. Pre-set all auction items on the back tables.
- Each auction item should have a minimum starting bid amount and bid increment.
- Each auction will be identified to the best of the auctioneer's ability. (When in doubt, ask someone.)
- Number of auction items per auction shall be determined by the people attending the silent auction. (DON'T overload the table!)
- If an item doesn't sell, set it back and replace it with new material.
- The auctioneer will announce the beginning of each auction.
- The auctioneer will announce the ending of each auction: 5 minute, and 2 minute warnings also.
- All money earned from donated materials shall be 100% for the club.
- All money earned from consignment materials shall be divided between the club and the member, 30/70 Club/Member.
- **NO MEMBERS MAY BID ON ITEMS WHILE WORKING THEIR SHIFT AT THE SILENT AUCTION**
- **KEEP ALL AUCTION SLIPS**
- **IF YOU'RE UNCERTAIN ABOUT AN ITEM OR WHAT YOU SHOULD BE CHARGING, DEFER TO THE CHAIRPERSON**

Long Term Silent Auction Table

- Members may submit items auctioned on a half day basis on a separate table. Mark on the top of your auction slip the name of the item and at which auction you wish to place it. (If you have a preference.) You also need to include a minimum bid.
- (Place a minimum bid you will accept for your item. Any amount the item sells for over the minimum bid is divided between the club and the member 30/70)
- Saturday 10-1, 1-4, Sunday 10-1, 1-3:45. Items will be placed out at that time with a minimum bid. All items sold must be removed from the auction area at close of auction period.

I will have signup sheets for people to volunteer at the show at our meeting. Please plan to help. It's fun and you get to see lots of people!

Lakeside Show at the Tri-City Fairgrounds. April 29-30. There is also an NFMS midyear meeting on Saturday at 1:00 pm. Consider going and learn more about what the Federation does.